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(conjunction OR forward) (data OR control) flow

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JD Choi, R Cytron, J Ferrante - Proceedings of the 18th ACM SIGPLAN-SIGACT symposium on ..., 1991 - portal.acm.org
... a linear number suffices. Experiments show that such ... well as forward data flow problems,
we write $Z \rightarrow Y$... though the control flow graph edge is oriented from Y ...

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TJ Marlowe, BG Ryder - Proceedings of the 17th ACM SIGPLAN-SIGACT symposium on ..., 1989 - portal.acm.org
... affecting the control structure of the program ... adding a program loop changes G ; in
Forward Bound Set ... wst of a data flow solution calculation by a constant factor ...

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MH Wagner - Rheologica Acta, 1976 - Springer
... motion in order to predict the flow pattern ... In this paper, a straight forward
generalization of the ... better agreement between theory and Meissner's data in shear ...

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D Callahan - Proceedings of the ACM SIGPLAN 1988 conference on ..., 1988 - portal.acm.org
... tically with program length if control flow is sufficiently ... the greatest fixed point
of the data flow equations ... be reversed to propagate informa- tion forward ...

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[Elimination algorithms for data flow analysis - *147.46.242.52 \(PDF\)](#)

BG Ryder, MC Paull - ACM Computing Surveys (CSUR), 1986 - portal.acm.org
... The term flow graph covers both control flow and call ... is the boundary variable of
a forward data flow problem; (X) ... Elimination Algorithms for Data Flow Analysis ...

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[Flow analysis and optimization of LISP-like structures - *snu.ac.kr \(PDF\)](#)

ND Jones, SS Muchnick - Proceedings of the 8th ACM SIGACT-SIGPLAN symposium on ..., 1979 - portal.acm.org
... program, does not handle cycles, and does not distinguish selectors (so that his
analysis applies ... forward data flow equations from a program. Let ...

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[Incremental data flow analysis in a structured program editor](#)

FK Zadeck - Proceedings of the SIGPLAN84 symposium on compiler ..., 1984 - portal.acm.org
... 2. Backward flow problems are those which, given a point in the program, ask what

can happen after **control** leaves that ... 4. **Forward Printing ... 4.1 Data Structures ...**

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An incremental version of iterative **data flow analysis**

LL Pollock, ML Soffa - Software Engineering, IEEE Transactions on, 1989 - [ieeexplore.ieee.org](#)

... In **forward data flow** problems, in- cluding reaching definitions and ... are computed

in terms of **data** flowing into a ... or what can occur before **control** reaches the ...

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Incremental **Data-Flow Analysis Algorithms** - [rutgers.edu](#) (PDF)

BG RYDER, MC PAULL - ACM Transactions on Programming Languages and Systems, 1988 - [portal.acm.org](#)

... the program changes allowed (ie, **control flow** changes that ... in the context of a **forward**

data-flow problem; the conversion for backward **data flow** is to use ...

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A Program **Data Flow Analysis Procedure**

FE Allen, J Cocke - Communications, 1976 - [portal.acm.org](#)

... ing information to be propagated **forward** through the 139 ... over 90 percent of the **control**

flow graphs are ... The **data flow analysis** described in the next section is ...

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Key authors: [F Allen](#) - [J Choi](#) - [B Ryder](#) - [M Burke](#) - [N Jones](#)

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